

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-----------------|------------------|---------|------------------|
| L5 | 36 | (US-20040228494-\$ or US-20040032957-\$). did. or (US-4654883-\$ or US-5218969-\$ or US-6210344-\$ or US-7003121-\$ or US-5932849-\$ or US-4248241-\$ or US-4821327-\$ or US-5492129-\$ or US-5557681-\$ or US-5022405-\$ or US-5006952-\$ or US-5602924-\$ or US-4072822-\$ or US-4582961-\$ or US-4784154-\$ or US-5931792-\$ or US-5035247-\$ or US-6002777-\$ or US-6005951-\$ or US-6498854-\$ or US-6661897-\$ or US-5987146-\$ or US-4986276-\$ or US-4672976-\$ or US-5610987-\$ or US-5365937-\$).did. or (US-4947859-\$ or US-5010890-\$ or US-5467775-\$ or US-6028942-\$ or US-4495641-\$ or US-6757392-\$ or US-5909495-\$ or US-4700397-\$).did. | US-PGPUB; USPAT | OR | OFF | 2008/03/28 14:24 |
| L6 | 5 | 5 and (ac same signal) | US-PGPUB; USPAT | OR | OFF | 2008/03/28 14:24 |
| L7 | 1 | 5 and (ac same signal same noise) | US-PGPUB; USPAT | OR | OFF | 2008/03/28 14:26 |
| L8 | 2 | 381/67 and (ac same signal same noise) | US-PGPUB; USPAT | OR | OFF | 2008/03/28 14:26 |
| L9 | 8367 | (ac same signal same noise) | US-PGPUB; USPAT | OR | OFF | 2008/03/28 14:28 |

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| L10 | 183 | (ac same signal same noise) and "381"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2008/03/28 14:28 |
| L11 | 61 | (ac same signal same noise same capacit\$4) and "381"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2008/03/28 14:30 |
| L12 | 48 | (US-20040228494-\$ or US-20040032957-\$). did. or (US-4654883-\$ or US-5218969-\$ or US-6210344-\$ or US-7003121-\$ or US-5932849-\$ or US-4248241-\$ or US-4821327-\$ or US-5492129-\$ or US-5557681-\$ or US-5022405-\$ or US-5006952-\$ or US-5602924-\$ or US-4072822-\$ or US-4582961-\$ or US-4784154-\$ or US-5931792-\$ or US-5035247-\$ or US-6002777-\$ or US-6005951-\$ or US-6498854-\$ or US-6661897-\$ or US-5987146-\$ or US-4986276-\$ or US-4672976-\$ or US-5610987-\$ or US-5365937-\$).did. or (US-4947859-\$ or US-5010890-\$ or US-5467775-\$ or US-6028942-\$ or US-4495641-\$ or US-6757392-\$ or US-5909495-\$ or US-4700397-\$ or US-4598417-\$ or US-7044922-\$ or US-6603858-\$ or US-6359992-\$ or US-6067363-\$ or US-5732143-\$ or US-5701345-\$ or US-5568561-\$ or US-5524056-\$ or US-5131048-\$ or US- | US-PGPUB; USPAT | OR | OFF | 2008/03/28 16:17 |

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|-----|------|--|--------------------|----|-----|---------------------|
| | | 5113447-\$ or US-4723295-\$).did. | | | | |
| L13 | 30 | 12 and capacit\$4 | US-PGPUB; USPAT | OR | OFF | 2008/03/28 16:17 |
| L16 | 0 | 381/67 and ((open\$4 or apert\$4) same (ambient or environment) same moist\$3) | US-PGPUB; USPAT | OR | OFF | 2008/03/28 16:41 |
| L17 | 5723 | ((open\$4 or apert\$4) same (ambient or environment) same moist\$3) | US-PGPUB; USPAT | OR | OFF | 2008/03/28 16:42 |
| L18 | 26 | ((open\$4 or apert\$4) same (ambient or environment) same moist\$3) and "381"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2008/03/28 16:42 |
| L19 | 277 | (electromag\$6 same signal\$1 same transducer\$1 same channel\$1) | US-PGPUB; USPAT | OR | OFF | 2008/03/28 17:58 |
| L20 | 13 | (electromag\$6 same signal\$1 same transducer\$1 same channel\$1) and "381"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2008/03/28 17:58 |
| L21 | 3925 | diaphragm same tension | US-PGPUB; USPAT | OR | OFF | 2008/03/28 18:06 |
| L22 | 327 | diaphragm same tension same frequen\$3 | US-PGPUB; USPAT | OR | OFF | 2008/03/28 18:06 |
| L23 | 345 | diaphragm same tension same frequen\$4 | US-PGPUB; USPAT | OR | OFF | 2008/03/28 18:06 |
| L24 | 5 | 23 and 381/67 | US-PGPUB; USPAT | OR | OFF | 2008/03/28 18:06 |
| L25 | 8 | "6498854" | US-PGPUB; USPAT | OR | OFF | 2008/03/28 18:14 |
| S1 | 18 | "4663594" | US-PGPUB; USPAT | OR | OFF | 2007/06/10 14:23 |
| S2 | 8 | "4737703" | US-PGPUB; USPAT | OR | OFF | 2007/06/10 14:25 |
| S3 | 11 | "4782246" | US-PGPUB; USPAT | OR | OFF | 2007/06/10 14:25 |
| S4 | 6 | "5317200" | US-PGPUB; USPAT | OR | OFF | 2007/06/10 14:28 |

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| S5 | 350 | 381/67 | US-PGPUB; USPAT | OR | OFF | 2007/06/10 14:28 |
| S6 | 141 | S5 and diaphragm | US-PGPUB; USPAT | OR | OFF | 2007/06/10 14:39 |
| S7 | 5 | "6661897" | US-PGPUB; USPAT | OR | OFF | 2007/06/10 14:40 |
| S8 | 8 | "6498854" | US-PGPUB; USPAT | OR | OFF | 2007/06/10 14:46 |
| S9 | 1 | "20040228494" | US-PGPUB; USPAT | OR | OFF | 2007/06/10 14:46 |
| S10 | 19 | ("3030946" "3132208" "4170717" "4438772" "4594731" "4618986" "4731849" "4792145" "4821327" "5003605" "5218969" "5557681" "5602924" "5610987" "5737429" "6005951" "6512830").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/10 14:55 |
| S11 | 59 | ("3603881" "3815109" "4150262" "4248241" "4334315" "4374382" "4528987" "4588867" "4635646" "4654883" "4672976" "4723555" "4742831" "4770189" "4773427" "4777961" "4791673" "4791933" "4792145" "4947859" "4981139" "5010890" "5035247" | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/10 15:24 |

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| | | "5052398" "5191602" "5201007" "5280524" "5295193" "5298692" "5351694" "5360005" "5365937" "5381798" "5417222" "5436564" "5458123" "5467775" "5492129" "5557681" "5579781" "5634468" "5660177" "5692059" "5721783" "5766208" "5771438" "5807258" "5931792" "5933506" "5987146" "6002777" "6021207" "6099486" "6112103" "6181801" "6210344" "6341229" "6396931" "6510918").PN. | | | | |
| S12 | 5 | "6661897" | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/10 15:24 |
| S13 | 9 | ("4072822" "4582961" "4784154" "4986276" "5006952" "5022405" "5932849" "6002777" "6498854").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/10 15:24 |

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| S14 | 7 | ("4582961" "4784154" "4986276" "5006952" "5022405" "5932849" "6002777").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/10 15:32 |
| S15 | 30 | (US-20040228494-\$). did. or (US-7003121-\$ or US-6005951-\$ or US-5610987-\$ or US- 5602924-\$ or US- 5557681-\$ or US- 5218969-\$ or US- 4821327-\$ or US- 6210344-\$ or US- 6002777-\$ or US- 5987146-\$ or US- 5931792-\$ or US- 5492129-\$ or US- 5467775-\$ or US- 5365937-\$ or US- 5035247-\$ or US- 5010890-\$ or US- 4947859-\$ or US- 4672976-\$ or US- 4654883-\$ or US- 4248241-\$ or US- 6661897-\$ or US- 5932849-\$ or US- 5022405-\$ or US- 5006952-\$ or US- 4986276-\$ or US- 4784154-\$).did. or (US- 4582961-\$ or US- 4072822-\$ or US- 6498854-\$).did. | US-PGPUB; USPAT | OR | OFF | 2007/06/10 15:59 |
| S16 | 4 | S15 and vibrate | US-PGPUB; USPAT | OR | OFF | 2007/06/10 16:24 |
| S17 | 12 | S15 and ambient | US-PGPUB; USPAT | OR | OFF | 2007/06/10 17:31 |
| S18 | 2 | S15 and moisture | US-PGPUB; USPAT | OR | OFF | 2007/06/10 18:33 |
| S19 | 14 | capacit\$4 and S15 | US-PGPUB; USPAT | OR | OFF | 2007/06/11 09:56 |
| S20 | 20 | adjust\$4 and S15 | US-PGPUB; USPAT | OR | OFF | 2007/06/10 19:27 |
| S21 | 23 | transduc\$3 and S15 | US-PGPUB; USPAT | OR | OFF | 2007/06/10 19:27 |

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| S22 | 7 | S19 and ambient | US-PGPUB; USPAT | OR | OFF | 2007/06/10 20:22 |
| S23 | 9 | S19 and noise | US-PGPUB; USPAT | OR | OFF | 2007/06/10 20:22 |
| S24 | 401 | 600/528 | US-PGPUB; USPAT | OR | OFF | 2007/06/11 09:56 |
| S25 | 1156 | 600/529 | US-PGPUB; USPAT | OR | OFF | 2007/06/11 09:56 |
| S26 | 30 | (US-20040228494-\$). did. or (US-7003121-\$ or US-6005951-\$ or US-5610987-\$ or US- 5602924-\$ or US- 5557681-\$ or US- 5218969-\$ or US- 4821327-\$ or US- 6210344-\$ or US- 6002777-\$ or US- 5987146-\$ or US- 5931792-\$ or US- 5492129-\$ or US- 5467775-\$ or US- 5365937-\$ or US- 5035247-\$ or US- 5010890-\$ or US- 4947859-\$ or US- 4672976-\$ or US- 4654883-\$ or US- 4248241-\$ or US- 6661897-\$ or US- 5932849-\$ or US- 5022405-\$ or US- 5006952-\$ or US- 4986276-\$ or US- 4784154-\$).did. or (US- 4582961-\$ or US- 4072822-\$ or US- 6498854-\$).did. | US-PGPUB; USPAT | OR | OFF | 2007/06/11 14:27 |
| S27 | 0 | multichannel and S26 | US-PGPUB; USPAT | OR | OFF | 2007/06/11 14:27 |
| S28 | 0 | "multichannel" and S26 | US-PGPUB; USPAT | OR | OFF | 2007/06/11 14:28 |
| S29 | 10 | right and S26 | US-PGPUB; USPAT | OR | OFF | 2007/06/11 14:28 |

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| S30 | 30 | (US-20040228494-\$). did. or (US-4654883-\$ or US-5218969-\$ or US-6210344-\$ or US- 7003121-\$ or US- 5932849-\$ or US- 4248241-\$ or US- 4821327-\$ or US- 5492129-\$ or US- 5557681-\$ or US- 5022405-\$ or US- 5006952-\$ or US- 5602924-\$ or US- 4072822-\$ or US- 4582961-\$ or US- 4784154-\$ or US- 5931792-\$ or US- 5035247-\$ or US- 6002777-\$ or US- 6005951-\$ or US- 6498854-\$ or US- 6661897-\$ or US- 5987146-\$ or US- 4986276-\$ or US- 4672976-\$ or US- 5610987-\$ or US- 5365937-\$).did. or (US- 4947859-\$ or US- 5010890-\$ or US- 5467775-\$).did. | US-PGPUB; USPAT | OR | OFF | 2008/03/27 15:17 |
| S31 | 12 | S30 and (stor\$3 or memory) | US-PGPUB; USPAT | OR | OFF | 2008/03/27 15:17 |
| S32 | 9 | S30 and electromag\$6 | US-PGPUB; USPAT | OR | OFF | 2008/03/27 17:11 |
| S33 | 14 | S30 and capacit\$4 | US-PGPUB; USPAT | OR | OFF | 2008/03/27 17:14 |
| S34 | 3 | S30 and (capacit\$4 same vibrat\$4) | US-PGPUB; USPAT | OR | OFF | 2008/03/27 17:24 |
| S35 | 7 | ("4582961" "4784154" "4986276" "5006952" "5022405" "5932849" "6002777").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/27 17:24 |
| S36 | 21071 | (capacit\$4 same vibrat \$4) | US-PGPUB; USPAT | OR | OFF | 2008/03/27 17:25 |
| S37 | 15 | 381/67 and S36 | US-PGPUB; USPAT | OR | OFF | 2008/03/27 17:25 |

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| S38 | 200 | 381/67 and (open\$4 or apert\$4) | US-PGPUB; USPAT | OR | OFF | 2008/03/27 17:35 |
| S39 | 11 | "5989186" | US-PGPUB; USPAT | OR | OFF | 2008/03/27 17:51 |
| S40 | 33 | 381/67 and ((open\$4 or apert\$4) same (ambient or environment)) | US-PGPUB; USPAT | OR | OFF | 2008/03/27 17:57 |

3/ 28/ 2008 6:30:29 PM

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